

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01J31/40 B01J38/52 C07C45/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01J C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 429 963 A (MITSUBISHI CHEM IND) 5 June 1991 (1991-06-05) examples 4,7 page 7, line 9 page 7, line 14 - line 15 page 7, line 16 - line 18 ---	1-6, 10-21, 25-28
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21, 3 August 2001 (2001-08-03) & JP 2001 114794 A (MITSUBISHI CHEMICALS CORP), 24 April 2001 (2001-04-24) abstract --- -/--	1,2, 4-10,12, 14-27

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

23 June 2004

Date of mailing of the international search report

05/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 396 551 A (TSUNODA YOSHITOSHI ET AL) 2 August 1983 (1983-08-02) example 1 column 6, line 47 - line 52 -----	1,12-14, 16-18, 26-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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